

Columbia University Register

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THE FACULTY OF MEDICINE

Department
of
Nursing

1965-1966

BACCALAUREATE PROGRAM IN NURSING

MASTER'S PROGRAMS IN CLINICAL NURSING

To Communicate with the School

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The Faculty of Medicine of Columbia University

Department
of
Nursing
1965-1966

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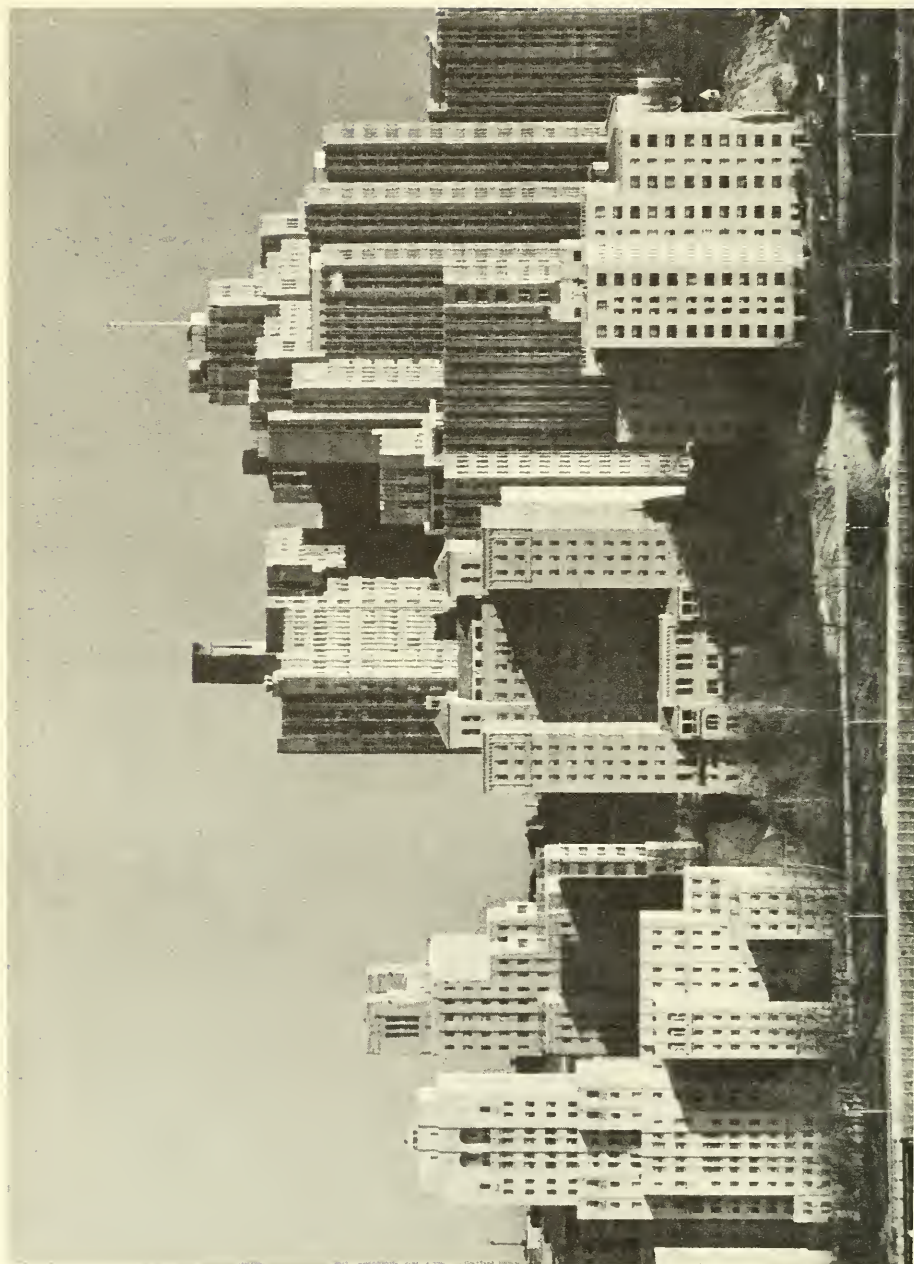
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Carmine T. Vicale

Shih-Chun Wang

Abner Wolf

Robert H. Wylie



THE COLUMBIA-PRESBYTERIAN MEDICAL CENTER

Officers of Instruction

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B.S., Elmira, 1927; M.A., Columbia, 1958; Graduate, Presbyterian Hospital School of Nursing, 1937

Helen F. Pettit. *Professor of Nursing; Director of Nursing Education*
B.S., Columbia, 1940; M.A., New York University, 1952; Graduate, Presbyterian Hospital School of Nursing, 1936

Dorothy E. Reilly. *Associate Professor of Nursing (on leave, academic year)*
B.S., Columbia, 1943; M.S., Boston University, 1950; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1942

Marion D. Cleveland. *Assistant Professor of Nursing*
B.S., Columbia, 1941; M.S., 1945; Graduate, Presbyterian Hospital School of Nursing, 1927

Elsa Poslusny. *Assistant Professor of Nursing (Mental Health)*
B.S., Hunter, 1957; M.A., Columbia, 1958; Graduate, Moncton Hospital Training School for Nurses, 1953

MEDICAL-SURGICAL NURSING

Mary E. Windrow. *Assistant Professor of Nursing*
B.S., Columbia, 1946; M.A., New York University, 1959; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1940

FIRST YEAR

Harriet M. Deleuran. *Assistant Professor of Nursing*
B.S., Columbia, 1939; M.A., 1942; Graduate, Presbyterian Hospital School of Nursing, 1933

Mary E. Cressy. *Associate in Nursing*
A.B., Vermont, 1953; M.A., Columbia, 1961; Graduate, New England Baptist Hospital School of Nursing, 1948

Rose A. Naughton. *Associate in Nursing*
B.S., Columbia, 1959; M.A., 1962; Graduate, Department of Nursing, Faculty of Medicine, 1959

Sally B. Crawford. *Instructor in Nursing*
B.S., New York University, 1962; M.A., 1964; Graduate, Department of Nursing, Lasell Junior College

Barbara A. Farace. *Instructor in Nursing*
B.S., St. John's (N.Y.), 1960; Graduate, St. Catherine's Hospital, 1954

Mary M. Germain. *Instructor in Nursing*
B.S., Columbia, 1964; Graduate, Department of Nursing, Faculty of Medicine, 1964

Jean B. Gunn. *Instructor in Nursing*
B.S., Columbia, 1959; Graduate, Methodist Hospital School of Nursing, Philadelphia, 1951

Eleanor M. Hamilton. *Instructor in Nursing*
B.S., Columbia, 1961; M.A., 1964; Graduate, Department of Nursing, Faculty of Medicine, 1961

Teresita M. Maxwell. *Instructor in Nursing*
B.S., Columbia, 1957; Graduate, Department of Nursing, Faculty of Medicine, 1957

Grace S. Murabito. *Instructor in Nursing*

B.S., Columbia, 1958; M.S., California, 1965; Graduate, Massachusetts General Hospital School of Nursing, 1956

Loretta A. Pelle. *Instructor in Nursing*

B.S., Columbia, 1963; Graduate, Department of Nursing, Faculty of Medicine, 1963

Ila M. Schmidt. *Instructor in Nursing (Nutrition)*

B.S., Simmons, 1961; M.S., Columbia, 1964

Catherine M. Towey. *Instructor in Nursing*

B.S., Good Counsel, 1950; B.S., Columbia, 1953; Graduate, Department of Nursing, Faculty of Medicine, 1953

Frank Jewett. *Instructor in Psychiatry*

A.B., Yale, 1953; M.D., Columbia, 1957

SECOND YEAR

Mary R. Barone. *Instructor in Nursing*

B.S., New York University, 1961; M.A., 1965; Graduate, Moses Taylor Hospital School of Nursing, 1952

Mary C. Cissell. *Instructor in Nursing*

B.S., Nazareth (Kentucky), 1958; M.A., Columbia, 1961; Graduate, SS. Mary and Elizabeth Hospital School of Nursing, 1955

Margaret E. Eddington. *Instructor in Nursing*

B.S., Columbia, 1957; Graduate, Department of Nursing, Faculty of Medicine, 1957

Donna Hoag. *Instructor in Nursing*

B.S., Nazareth (N.Y.), 1961; Graduate, Department of Nursing, 1961

Lucille D. Manning. *Instructor in Nursing*

B.S., New York State College for Teachers, 1935; B.S., Columbia, 1949; Graduate, Department of Nursing, Faculty of Medicine, 1949

Miriam A. McCormick. *Instructor in Nursing*

B.S., Fairleigh Dickinson, 1961; Graduate, Holy Name Hospital School of Nursing, 1955

Helen E. Miller. *Instructor in Nursing*

B.S., Columbia, 1963; Graduate, Department of Nursing, Faculty of Medicine, 1963

Janet I. Monroe. *Instructor in Nursing*

B.S., Columbia, 1956; Graduate, Department of Nursing, Faculty of Medicine, 1956

Jane A. Traver. *Instructor in Nursing*

A.B., Roberts Wesleyan, 1956; B.S., Columbia, 1960; Graduate, Department of Nursing, Faculty of Medicine, 1960

Faith H. Smith. *Assistant in Nursing*

B.S., Columbia, 1964; Graduate, Department of Nursing, Faculty of Medicine, 1964

THIRD YEAR

Constance M. Baker. *Associate in Nursing*

B.S., Western Reserve, 1961; M.A., 1963; Graduate, Grace Hospital School of Nursing, 1954

Mary W. Britten. *Instructor in Nursing*

B.S., Columbia, 1959; M.A., 1962; Graduate, Department of Nursing, Faculty of Medicine, 1959

Rosalie A. Dahlen. *Instructor in Nursing*

B.S., Columbia, 1961; M.A., New York University, 1964; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1961

Dorothy K. Hagner. *Instructor in Nursing*

B.S., Columbia, 1939; Graduate, Presbyterian Hospital School of Nursing, 1931

Ivan K. Goldberg. *Instructor in Psychiatry*

A.B., Johns Hopkins, 1955; M.D., New York University, 1959

MATERNITY NURSING

Bernice R. Derby. *Assistant Professor of Nursing*

B.S., Columbia, 1946; M.S., Western Reserve, 1958; Graduate, Department of Nursing, Faculty of Medicine, Columbia, 1946

Beth L. Kothe. *Associate in Nursing*

B.S., Columbia, 1941; M.A., 1948; Graduate, Department of Nursing, Faculty of Medicine, 1941

Laurette M. Beck. *Instructor in Nursing; School of Nurse-Midwifery, Maternity Center Association*

B.S., Catholic University, 1954; M.S., 1955; Graduate, New York University-Bellevue School of Nursing, 1947

Mary J. Brooks. *Instructor in Nursing*

A.B., Beaver, 1945; B.S., Columbia, 1948; Graduate, Department of Nursing, Faculty of Medicine, 1948

Carole A. Cantwell. *Instructor in Nursing*

B.S., Adelphi, 1962; M.S., Columbia, 1963; Graduate, Kings County Hospital School of Nursing, 1956

Janet L. Hall. *Instructor in Nursing*

B.S., Columbia, 1961; Graduate, Department of Nursing, Faculty of Medicine, 1961

Patricia A. Herter. *Instructor in Nursing*

B.S., Columbia, 1958; Graduate, Department of Nursing, Faculty of Medicine, 1958

Winifred J. Meddaugh. *Instructor in Nursing*

B.S., State University College of Education, Plattsburgh, N.Y., 1959; M.S., Duke, 1963; Graduate, State University College of Education (Nursing), Plattsburgh, N.Y., 1959

Catherine T. Pronko. *Instructor in Nursing*

B.S., Hunter, 1958; Graduate, Columbia Hospital, Pittsburgh, 1928

Dorothy E. MacK. Robinson.* *Instructor in Nursing*

B.S., Columbia, 1941; M.S., 1959; Graduate, Presbyterian Hospital School of Nursing, 1934

Barbara B. Rooney. *Instructor in Nursing*

B.S., Columbia, 1962; Graduate Department of Nursing, Faculty of Medicine, 1962

Elizabeth A. Schreier. *Instructor in Nursing*

B.S., New York University, 1949; Graduate, St. Francis Hospital School of Nursing, 1933

PEDIATRIC NURSING

Marjorie Peto. *Assistant Professor of Nursing*

B.S., Columbia, 1926; M.A., New York University, 1951; Graduate, Presbyterian Hospital School of Nursing, 1926

Louisa M. Kent. *Associate in Nursing*

B.S., Connecticut College for Women, 1930; M.A., New York University, 1952; Graduate, Presbyterian Hospital School of Nursing, 1936

Alice Lindfors. *Instructor in Nursing*

B.S., Columbia, 1962; Graduate, Department of Nursing, Faculty of Medicine, 1962

* Certified Nurse-Midwife

Priscilla C. Parke. *Instructor in Nursing*

A.B., Smith, 1934; M.N., Yale School of Nursing, 1945

Marie L. Powers. *Instructor in Nursing*

B.S., Nazareth (N.Y.), 1956; Graduate, Department of Nursing, 1956

Sarah L. Sheets. *Instructor in Nursing*

B.S., Michigan, 1962; Graduate, School of Nursing, 1962

PSYCHIATRIC NURSING

Edward O. Wray. *Assistant Professor of Nursing*

B.S., Columbia, 1959; M.A., 1960; Graduate, Pennsylvania Hospital School of Nursing, 1955

Gertrude Clawson. *Associate in Nursing*

B.S., Pittsburgh, 1949; M.A., Columbia, 1953; Graduate, Prospect Heights Hospital School of Nursing, 1936

Virginia E. Ehmann. *Instructor in Nursing*

B.S., Columbia, 1962; Graduate, Department of Nursing, Faculty of Medicine, 1962

Winfred Overholser. *Instructor in Psychiatry*

A.B., Harvard, 1951; New York Medical College, 1955

Judith A. Stipkala. *Instructor in Nursing*

B.S., Ottawa, 1960; Graduate, St. Joseph's School of Nursing, Hotel Dieu Hospital, 1958

PUBLIC HEALTH NURSING

Lucy R. Kennedy. *Associate Professor of Nursing*

B.S., College of St. Rose, 1945; M.S., Columbia, 1955; Graduate, College of St. Rose School of Nursing, 1945

Katherine A. Knight. *Associate in Nursing*

B.S., Cornell, 1958; M.A., Columbia, 1961; Graduate, Cornell University-New York Hospital School of Nursing, 1958

Barbara A. Badger. *Instructor in Nursing*

B.S., Columbia, 1953; M.A., 1963; Graduate, Department of Nursing, Faculty of Medicine, 1953

Laura M. Lige. *Instructor in Nursing*

B.S., Wayne State, 1961; Graduate, Newark City Hospital, 1954

Jean Metzger. *Instructor in Nursing*

B.S., Columbia, 1947; M.A., 1958; Graduate, Department of Nursing, Faculty of Medicine, 1947

ORTHOPEDIC NURSING

Rose M. Hoynak. *Assistant Professor of Nursing*

B.S., Columbia, 1945; M.A., 1959; Graduate, Department of Nursing, Faculty of Medicine, 1945

Loretta A. Verdisco. *Associate in Nursing*

B.S., Columbia, 1958; M.A., 1964; Graduate, Department of Nursing, Faculty of Medicine, 1958

OUTPATIENT NURSING

Constance C. Hamon. *Assistant Professor of Nursing*

B.S., New York University, 1942; M.A., 1957; Graduate, Presbyterian Hospital School of Nursing, 1929

Isabel M. Healy. *Instructor in Nursing*

B.S., Columbia, 1950; Graduate, Department of Nursing, Faculty of Medicine, 1950

Dale F. Lehman. *Instructor in Nursing*

B.S., Duke, 1963; Graduate, Duke University School of Nursing, 1963

NEUROLOGIC NURSING

Martha E. Haber. *Assistant Professor of Nursing*

B.S., Columbia, 1949; M.A., 1959; Graduate, Department of Nursing, Faculty of Medicine, 1949

Nora Maliepaard. *Associate in Nursing*

B.S., California, 1958; M.A., Columbia, 1965; Graduate, University of California School of Nursing, 1958

Angelita L. Howell. *Instructor in Nursing*

B.S., Hunter, 1961; M.A., Columbia, 1965; Graduate, Department of Nursing, Hunter, 1961

RESIDENCE, HEALTH, AND RECREATION

Florence L. Vanderbilt. *Director of Residence and Health*

B.S., Columbia, 1936; Graduate, Presbyterian Hospital School of Nursing, 1927

Amarylius T. Otto. *Director of Recreation*

B.S., Colorado State, 1953

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W. Henry Sebrell, Jr., M.D. *Robert R. Williams Professor of Public Health Nutrition*

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Bernis D. Moss, Jr., M.S. *Business Officer*

Eileen H. Daly. *Assistant to the Registrar of the University*

Nell W. Lukas. *Administrative Assistant*



NURSE-PATIENT RELATIONSHIPS ARE MOST SATISFYING

Affiliated Institutions and Agencies

PRESBYTERIAN HOSPITAL

Director of Nursing: Elizabeth S. Gill

Director of Nursing Service: Marion D. Cleveland

Assistant Directors of Nursing Service: Bernice R. Derby, Martha E. Haber, Constance C. Hamon, Rose M. Hoynak, A. Beatrice Langmuir, Marjorie Peto, Helen F. Pettit, Helen L. Scott, Cora Louise Shaw, Margaret Wells, Mary E. Windrow, Phyllis M. Young

NEW YORK STATE PSYCHIATRIC INSTITUTE

Director of Nursing: Edward O. Wray

Assistant Director of Nursing: Gertrude Clawson

VISITING NURSE SERVICE OF NEW YORK, INC.

Executive Director: Eva M. Reese

Director of Education: Mary McCall Tyrie

VISITING NURSE ASSOCIATION OF BROOKLYN, INC.

Executive Director: Eleanor W. Mole

Education Director: Katherine M. Disosway

BUREAU OF PUBLIC HEALTH NURSING, NEW YORK CITY DEPARTMENT OF HEALTH

Acting Director: Grace McFadden

Associate Director (in charge of education): Leah Hoenig

MATERNITY CENTER ASSOCIATION

Director: Vera Keane



PHYSICAL MEDICINE AND REHABILITATION CONCERN THE NURSE
IN HER CARE OF THE PATIENT

The Department of Nursing

In 1935 the College of Physicians and Surgeons of Columbia University assumed the responsibility for the educational program of the School of Nursing of the Presbyterian Hospital, and in 1937 the University established the Department of Nursing of the Faculty of Medicine.

The School of Nursing was founded in 1892 by the Board of Managers of the Presbyterian Hospital. Anna C. Maxwell, R.N., M.A., the first director of the School, established the plans for administration and instruction and guided them for thirty years. Her contribution has had a lasting effect upon the growth of the profession to its present dignity and importance. Nearly four thousands nurses have been graduated since the School was opened.

The hospital's interest in teaching had been further demonstrated by affording clinical education for the medical students of the College of Physicians and Surgeons of Columbia University. This led to a permanent affiliation between the two institutions in 1921. The establishment of the Department of Nursing marked another step in the integration of the University and the hospitals at the Columbia-Presbyterian Medical Center.

The basic program under the Department of Nursing is accredited by the National League for Nursing, including accreditation for public health nursing, and is a member of the Department of Baccalaureate and Higher Degree Programs of the National League for Nursing.

In 1955 a graduate program in maternity nursing, including preparation in nurse-midwifery, was inaugurated. (The University had previously granted the Department of Nursing approval to offer programs in clinical fields leading to a master's degree.) The graduate program is accredited by the National League for Nursing.

PHILOSOPHY

The Department of Nursing, in accordance with Columbia University, believes that in the preparation of members of a profession the University is educating men and women who must possess not simply a certain expertness but also a sense of their social role and awareness of the ways in which their professional activities involve them in a wide range of value judgments.

For the nursing profession this implies that nurses must be prepared to function in a dynamic society. Nursing education should reflect discriminating attention to the changing positions of people and nations in a changing world; to the masses of knowledge unfolded by the natural and behavioral sciences; and to the new frontiers being opened by these sciences. Programs designed for preparation of the nurse practitioner must comprise the intellectual, social, and technical components of a liberal and professional education. Students must be selected with the ability and the prior foundations in the liberal arts which will enable them to meet uniformly high standards of scholarship and achievement and to prepare for leadership

roles in nursing. Faculty members must be prepared to innovate as well as to preserve knowledge and continually carry out research that will advance the quality and usefulness of the nursing profession.

Professional education must provide opportunity for the student to acquire not only the mastery of a specialized body of knowledge or of certain technical performance, but also the ability to apply selectively such knowledge and skill to complicated human problems. Thus a program for nursing must provide concurrent and selective theory and practice in settings where geographical and related factors enable it to proceed in a purposeful way.

Baccalaureate education in nursing should focus upon knowledge which is fundamental to the practice of general nursing and which provides a base upon which graduate education in nursing can build. Graduate education in nursing should extend and deepen knowledge and practice in a particular area of interest. The Department of Nursing believes that its master's programs should prepare for specialization in a clinical field of nursing. All programs must contribute to the preparation of a liberally educated professional nurse who comprehends human and social factors as well as the technical, who possesses an analytical way of thinking which embodies discretion and judgment, and who is able to progress toward a role in nursing which is socially significant and personally satisfying.

THE COLUMBIA-PRESBYTERIAN MEDICAL CENTER

The Medical Center, overlooking the Hudson River at 168th Street and Broadway, was opened in 1928. The site was the gift of Mrs. Stephen V. Harkness and her son, Edward S. Harkness, both of whom were generous contributors to the project. As its name implies, the Medical Center is composed of Columbia University's medical divisions—the College of Physicians and Surgeons, the School of Dental and Oral Surgery, the School of Public Health and Administrative Medicine, and the Department of Nursing—and of a number of specialized hospitals, chief of which is the Presbyterian Hospital and its subdivisions—the Squier Urological Clinic, the Institute of Ophthalmology, Harkness Pavilion (for private patients), Sloane Hospital for Women, Vanderbilt Clinic (the outpatient department), Babies Hospital, Neurological Institute, the New York Orthopaedic Hospital, and the Mary Harkness Unit. Francis Delafield Hospital (for the study and treatment of cancer), the New York State Psychiatric Institute, and the Washington Heights Health and Teaching Center (headquarters of an administrative district of the New York City Department of Health) are also part of the Medical Center group. See the map on the back cover.

The parts of the Medical Center which the nursing student comes to know most intimately are the Presbyterian Hospital and its subdivisions. All have histories and enviable professional reputations dating back many years before they merged to form the Center.

The hospital was founded in 1868 with the aim of "affording medical and surgical aid and nursing care to sick or disabled persons of every creed, nationality, and color," and has, throughout its history, fostered constant study for improved methods of health care. It is housed in a twenty-two story building which is divided into floor units of between sixty and seventy beds. The clinical facilities and opportunities for learning are unsurpassed.

Two other divisions of the Medical Center—the New York State Psychiatric Institute and the School of Public Health and Administrative Medicine—should be especially mentioned for their particular contribution to the instruction offered by the Department of Nursing. Members of the Institute staff and faculty members of the School take an active part in teaching, respectively, the courses in psychiatric nursing and in public health in the baccalaureate program in nursing. The School of Public Health and Administrative Medicine also cooperates with the Department of Nursing in offering the Graduate Program in Maternity Nursing.

Nursing students also become familiar with the University's main campus at Broadway and 116th Street and share in all the resources of the University—social, intellectual, and recreational.

PUBLIC HEALTH AGENCIES

Through the programs and practices of such agencies as the Visiting Nurse Service of New York, the Visiting Nurse Association of Brooklyn, and the Bureau of Public Health Nursing of the Department of Health of the City of New York, students have the opportunity to work with patients and their families in their own homes and to participate with other community agencies in planning for comprehensive care.

MATERNITY CENTER ASSOCIATION

Maternity Center Association is a voluntary organization which is continually working toward the improvement of maternity care. As part of its program it has given the Department of Nursing active assistance in the development of the graduate program in maternity nursing, and provides the students with experience in parent education and in nurse-midwifery. The program is described on pages 51–60 of this bulletin.

LIBRARIES

In the Medical Library, which is on the third floor of the College of Physicians and Surgeons, there is a large number of reference books and recent periodicals. Students in the Department of Nursing use this library as their main source of reference. They also use the Tod Memorial Library in Anna C. Maxwell Hall. Latest editions of approved reference books are supplied from the Anna C. Maxwell Reference Library Fund. Supplementary library facilities in the various clinical specialties are available for student use.

The vast resources of the libraries on the Morningside campus, at 116th Street and Broadway, are also available to students. These resources not only supplement those in the Medical Library, but allow the student to pursue any field of interest.

The Baccalaureate Program

PROGRAM OF STUDY

ADMISSION

COURSES OF INSTRUCTION

SUMMARY OF THE PROGRAM

REGISTRATION AND EXPENSES

DISTRIBUTION OF STUDENTS

ACADEMIC CALENDAR



SEMINAR IN MEDICAL AND SURGICAL NURSING

THE MEDICAL LIBRARY IS SHARED BY ALL STUDENTS OF THE HEALTH PROFESSIONS



Program of Study

The basic baccalaureate nursing program at Columbia University prepares qualified young women to practice nursing effectively in hospitals, homes, and in the various types of health agencies. Nursing is interpreted as including health promotion through education, care of the sick and injured, and their restoration to a useful place in society.

The program of study includes instruction in the basic sciences and nutrition; theory and supervised experiences in the major clinical areas of medical, surgical, maternity, orthopedic, pediatric, psychiatric, and public health nursing. This is undertaken in the context of comprehensive patient care and includes theory and supervised practice related to the assumption of a leadership role.

Completion of the program requires three academic years and two summer periods and leads to the award of the degree of Bachelor of Science. Those who enter with an acceptable bachelor's degree complete the program in two academic years and two summer periods (see page 25). Students who are admitted beginning September 1966 with 60 liberal arts credits will complete the program in two academic years and two summer periods; students who enter with a bachelor's degree will complete the program in two academic years and one summer period. Special conferences, seminars, assignments, and clinical experiences are provided which will assure development of their potential for making a major contribution to the nursing profession.

Throughout her nursing education, the student is encouraged and provided the opportunity to become aware of the social and health needs of individuals and the community, their effect upon the trends in national thinking, as well as the present and possible contribution of nursing to human welfare.

Opportunity is provided for the continued development of the student physically, mentally, emotionally, and culturally, with emphasis on her interests, needs, and responsibilities as a person, as a member of the nursing profession, and as a citizen.

The student is introduced to the various opportunities in nursing and is helped to select for further study and experience that field of nursing in which she will find her greatest satisfaction and to which she can make her optimum contribution.

PHILOSOPHY OF NURSING EDUCATION

Nursing education on a baccalaureate level must afford the student maximum opportunity to develop as a person, with a broad understanding of man and his relationship to society, and to begin to acquire the competence which will enable her to assume the responsibilities inherent in her profession.

It is the belief of the Department of Nursing that general education, acquired in a liberal arts setting and enhanced by involvement in the activities of the college community, provides a sound base on which professional nursing education can be built. In keeping with the educational philosophy of Columbia University, the

Department seeks to develop in the student an intellectual strength which will enable her to develop in mind and spirit. This strength will provide her with the ability to perceive what is relevant in the past, the creative imagination to project new possibilities, and the capacity to choose between alternatives according to principles that have been critically examined. These abilities provide a basis for action of more permanent worth than a mere array of facts, since in nursing, as in other professions, ever-enlarging frontiers of knowledge may rapidly outmode facets of current practice. The student is prepared to practice the art and science of professional nursing, to continue her own education, enlarge her store of knowledge, and achieve continued personal and professional growth and satisfaction.

The Department of Nursing further believes that professional nursing education should be flexible and maintain a climate conducive to further development of the constellation of abilities which have been acquired by students. Modifications in the program should be designed for students who bring a greater breadth of formal educational preparation than that which constitutes the basis of admission for the majority of students who enter the Department.

A CAREER IN NURSING

The young woman today finds a bewildering number of possibilities open to her as she considers her future.

The spotlight of public opinion is strongly focused on nursing as the need for the services of skilled, intelligent professional nurses continues. Estimates of the probable number required for the maintenance of health services throughout the nation, in civilian and veterans hospitals, in urban and rural communities, and in the Army and Navy Nurse Corps, call for many more professional nurses than are available at present. This demand is increased by the broadening concepts of world leadership that our country is being asked to assume.

The program in nursing offers excellent preparation for the countless opportunities which are open to registered professional nurses in different fields.

In the institutional field a major challenge is offered to nurses who are able to give expert bedside care. Nurses with particular interest and ability in guiding others in giving patient care will find opportunities to fill positions of "team leaders." With additional experience and preparation, head nurse, supervisory, and teaching positions are open to those who qualify. There are many opportunities for those who wish to specialize in various clinical branches of nursing, such as pediatrics, obstetrics, psychiatry, or orthopedics.

Public health nursing is a large and growing field which offers a diversity of activities affecting all groups of society. It includes nursing in public health agencies, such as official and voluntary health and nursing agencies; in school and occupational health services; and in educational and preventive health programs.

There are opportunities for important service and influence in a number of government services—the Veterans Administration, the Public Health Service, and the Army and Navy Nurse Corps.

Whether practicing her profession in the hospital, the home, the industrial plant, or the rural community, the modern nurse occupies a position of responsibility and honor. She is constantly in contact with the medical practitioner, the public health officer, the industrial physician, and the social worker, as well as with governmental

and voluntary agencies and others concerned with the health of the community. American nurses have a large share of responsibility in restoring health and welfare services in many parts of the world. The opportunities for service increase rather than diminish, both at home and abroad.

PREPARATION FOR ENTRANCE

The candidate for nursing who is serious in her interest and plans should evaluate her qualifications candidly and thoroughly. A sincere interest in people and their welfare is essential in all fields of nursing. Preparation in liberal arts and broadening cultural experiences are important.

Academic requirements are outlined on page 25. The Department will welcome an opportunity to guide its candidates well in advance of the date of entrance.

It is highly desirable to secure some experience as a volunteer in a hospital before entering a school of nursing. There are many opportunities for trying out practical "work-samples" of nursing and securing some contact with patients, even at an elementary level. Such a procedure furnishes an excellent laboratory for proving one's fitness for nursing and the seriousness of one's interest in the problems of health and welfare.

QUALIFICATION FOR REGISTERED PROFESSIONAL NURSE (R.N.)

In most states it is necessary for a nurse to be licensed in order to practice nursing. Graduates of the Department of Nursing are eligible for licensure in all states. Licensure is obtained through satisfactory performance on the licensing examination prescribed by the state. The nurse then registers her license and is known as a Registered Nurse (R.N.). Licensure in one state entitles a qualified holder to licensure by endorsement in other states.

GRADUATE STUDY

A course in maternity nursing, leading to a Master of Science degree, is offered by the Department of Nursing in cooperation with the Department of Obstetrics and Gynecology, the School of Public Health and Administrative Medicine, Presbyterian Hospital, and the Maternity Center Association, and is described on pages 51-60.

Beginning with the autumn term 1966-1967, the Department will offer a Master of Science program to prepare the clinical nurse specialist in psychiatric-community mental health nursing. Information on this new program appears on pages 61-64.

The Division of Nursing Education of Teachers College, Columbia University, offers to graduate nurses the opportunity of preparing themselves further for work in the nursing school, hospital, and public health fields. These programs lead to a master's degree.

The Alumnae Association of the Columbia University-Presbyterian Hospital School of Nursing has two endowment funds for scholarships for advanced study in nursing education which may be pursued in many leading universities throughout the country.



THE PUBLIC HEALTH NURSE VISITS A WELL BABY IN THE HOME

Admission

Candidates for admission (other than graduate nurses) must be between the ages of eighteen and thirty-five and must present a record of good health. They are admitted once a year, in September, under one of two classifications: Group A or Group B. All are candidates for the degree of Bachelor of Science.

GROUP A

Students who hold a baccalaureate degree acceptable to Columbia University register for a program of two academic years and two summer periods. (Students admitted in 1966–1967 will register for a program of two academic years and one summer period.) They must meet the specific course requirements as stated for Group B below.

GROUP B

In Group B are students who have completed at least two years of study in a college approved by Columbia University. They complete the program in three academic years and two summer periods. (Students admitted in 1966–1967 will complete the program in two academic years and two summer periods.) The 60 points in liberal arts required for admission on this basis should include the following:

	<i>Points</i>
<i>Required:</i> Biology	6–8
Chemistry	6–8
English	6
Psychology	6
Sociology	6
	<hr/>
	32–34
<i>Elective:</i> Foreign language, history, mathematics, economics, philosophy or religion, fine arts, or supplementary courses in the required fields.	26–28

Credit for *one* year of a foreign language completed in college may be awarded only if (1) it was an intermediate or advanced course or (2) credit has also been awarded for two years of *another* foreign language. No more than 6 points may be allowed for courses in religion or speech.

Credit will not be granted for commercial, home economics, physical education, or vocational courses, or for any one-point course.

Special consideration on an individual basis will be given to outstanding students

who do not meet the requirements outlined under Groups A and B, and to students transferring from another school of nursing.

The University will be glad to advise applicants regarding their courses of study. If this advice is to be helpful, it should be sought at the earliest possible date.

► ADMISSION PROCEDURE

An applicant for admission must file application on a form supplied by the Department of Nursing. The completed form must be accompanied by the application fee: a check or money order for \$15 made payable to Columbia University. This fee helps to cover the cost of processing the application; it is therefore not returnable, nor is it credited toward tuition.

It is desirable to file application from one to two years in advance of the date of entrance. After the completed form is received, the applicant's academic record will be secured by the Department of Nursing.

The Department of Nursing will make an appointment for a personal interview, aptitude tests, and for a physical examination by the Department physician. An applicant who lives at too great a distance to arrange for the preliminary interview and examination may be accepted on condition that she meet all requirements at the time of admission. Failure to do so will necessitate immediate withdrawal. She should, therefore, come financially prepared to return home if necessary.

The admission of married students is a matter for individual consideration.

Instructions about uniforms and equipment will be sent following final acceptance.

Application blanks and further information about the course in nursing may be secured from the Department of Nursing, Faculty of Medicine, Columbia University, 622 West 168th Street, New York, N.Y. 10032.

► ADMISSION OF GRADUATE NURSES

Graduate nurses who wish to earn the baccalaureate may enroll in the undergraduate program beginning in 1966–1967; they will be admitted to Group B.

The 60 liberal arts credits required for admission may be taken in any regionally accredited college or university, including the School of General Studies of Columbia University. The courses required for admission are listed under Group B on page 25.

Selected nursing courses may be taken on a part-time basis and may be carried concurrently with liberal arts credits when the student has satisfactorily completed 44 liberal arts credits, including the required courses. Before a student may register for nursing courses, she must submit a plan for the completion of the liberal arts requirements for the approval of the Office of the Associate Dean.

ADMISSION PROCEDURE

Applicants who have less than 44 liberal arts credits, including the specific required courses, and who would like advice regarding plans for completing the

admission requirements, should request a Preliminary Admission Form. No application fee is necessary with this form.

ADVANCED STANDING

Advanced standing will be determined by the applicant's performance on examinations given before admission. The final determination of the credit allowance will be made following the satisfactory completion of the first clinical nursing course.

Courses of Instruction

The University reserves the right to withdraw or modify the courses of instruction or to change the instructors as may be necessary.

► PROGRAM FOR STUDENTS IN GROUP B, 1965-1966

FIRST YEAR: AUTUMN TERM

Orientation.

0 pts

Professors Deleuran, Gill, and Pettit; Miss Vanderbilt; and associates.

Orientation acquaints the student with the academic program and facilities of the Department and with the community. The program is carefully developed in cooperation with the Student Government Association, which assumes an active role in introducing the new student to community and professional living.

Physical Education 35.

0 pts

Mrs. Otto.

Principles of correct alignment for posture and activity and the study of height-weight relationships with corrective exercises, in which flexibility and ease of movement are emphasized. Swimming and life-saving methods; artificial respiration. Field trips acquaint the student with recreational and cultural resources available in her community.

Nursing 45.

14 pts

Professors Deleuran, Pettit, and Windrow; Misses Cressy, Murabito, Naughton, Pelle, and Schmidt; Mmes. Crawford, Germain, and Hamilton; members of the Departments of Anatomy, Biochemistry, Dentistry, Medicine, Microbiology, Physiology, Psychiatry, Public Health, and Surgery.

The student begins the practice of nursing. Through an integrated presentation of the biological and physical sciences, she studies normal body structure and function, the effects of illness on the human organism, and the reasons for various kinds of nursing care. She is introduced to the epidemiological factors of disease prevention and control, to the community resources available, and to rehabilitation measures. Beginning skills used in giving general physical care are taught and practiced. The student learns to observe the patient, to make judgments about his needs, to communicate effectively with him. Through the problem-solving approach, she identifies the needs of the patient and combines what she has previously learned of sociology and psychology with her new knowledge in meeting commonly encountered responses to illness. Emphasis throughout is on the meaning of illness to the patient and the interrelatedness of personality development, family structure, and community, cultural, and spiritual factors in his behavioral responses. Concurrent supervised practice in the care of patients and post-experience conferences relate the student's developing knowledge of principles to practice.

FIRST YEAR: SPRING TERM

Physical Education 36.

0 pts

A continuation of *Physical Education 35*.

Nursing 46. Medical-surgical nursing.

14 pts

Professors Deleuran, Kennedy, Pettit, and Windrow; Misses Cressy, Murabito, Naughton, Pelle, and Schmidt; Mmes. Crawford, Germain, and Hamilton; members of the Departments of Anatomy, Medicine, Microbiology, Physiology, Psychiatry, Public Health, and Surgery.

A continuation of *Nursing 45*, this course increases the student's comprehension of the more complex functions of man and her ability to become more comprehensive in her nursing care of medical-surgical patients. Selected diseases are presented, with a subsequent analysis of the nursing care needed by the individual patient. The student broadens her understanding of the interrelationships of bodily functions and the intrinsic and extrinsic factors that affect a patient's response to illness. Selected community agencies are visited and observations are arranged in the outpatient department. Supervised clinical practice emphasizing the cultivation of student responsibility for nursing care and experience occurs concurrently with classroom instruction. Group B students participate in seminars on the history and philosophy of nursing.

SECOND YEAR

Nursing 56. Special aspects of surgical nursing. 4 pts

Professor Windrow; Misses Barone, Cissell, Hoag, and McCormick; members of the Departments of Anesthesiology, Obstetrics and Gynecology, Psychiatry, Surgery, and Urology.

The student integrates the knowledge and skill necessary to give comprehensive care to the surgical patient during the preoperative, the operative, and the immediate postoperative periods, during convalescence, and during preparation for post-hospital care. The special needs of patients at various age levels, first-aid measures in surgical emergencies, and trends in providing nursing care are emphasized. Supervised practice is provided in the operating room and recovery room, and on the gynecological, urological, and general surgical services.

Nursing 58. Patient care during the 24-hour period. 4 pts

Professor Windrow; Misses Cressy, Manning, Miller, Traver, and Schmidt; members of the Departments of Medicine and Psychiatry.

The various needs of patients during the twenty-four hour period are identified and related to the planning and administration of all phases of their nursing care. Skill in observation and judgment in the clinical situation is a major goal. Emphasis is placed on establishing priorities of nursing care for groups of patients as well as for the individual patient. Supervised practice of patient care during the day, evening, and night period is provided in the general medical-surgical setting.

Nursing 60. Maternity nursing. 4 pts

Professor Derby; Misses Herter and Meddaugh; Mrs. Kothe; members of the Departments of Anesthesiology, Obstetrics and Gynecology, Pediatrics, and Psychiatry.

Emphasis is on total nursing care throughout the maternity cycle and on the effect of pregnancy on the family situation both during the cycle and afterwards. The student explores the educational, emotional, physical, and social needs of individual mothers and their families and learns how best to meet them.

Nursing 61. Pediatric nursing. 4 pts

Professor Peto; Misses Kent, Lindfors, Schmidt, and Sheets; members of the Departments of Pediatrics and Psychiatry.

Growth and development patterns of children; recognition and appreciation of the needs of the sick child; the effect of illness on the child and his family. Skill in meeting the child's needs in health maintenance and during various phases of illness is developed. Through conferences and supervised practice, the student uses the problem-solving approach to meet the needs of the child in each new situation.

THIRD YEAR

Nursing 65. Psychiatric nursing. 4 pts

Professors Poslusny and Wray; Misses Clawson and Ehmann; Mrs. Stipkala; members of the Department of Psychiatry and the New York State Psychiatric Institute.

Emphasis is on the total care (based on diagnosis, etiology, psychopathology, psychodynamics, treatment, prognosis, and rehabilitation) of psychiatric patients. The student participates in the multi-disciplinary planning for their care. Supervised practice in a variety of settings, planned activities with visitors, and field trips increase her understanding of family interactions and of community health problems, resources, and programs. Lectures, seminars, and patient presentations, as well as demonstrations on closed-circuit television, are given concurrently with the supervised practice. All

work in the course is directed toward fostering the student's continuing professional, personal, and social growth.

Outpatient Nursing 70.

2 pts

Professor Hamon; Misses Healy and Lehman.

The needs of the ambulatory patient and the facilities for providing continuity of care. Through experience with outpatients, the student increases her skill in teaching health concepts to individuals and groups of patients and in providing nursing care to the emergency patient and his family. Lectures, seminars, group discussions, and supervised practice.

Public Health Nursing 75.

5 pts

Professor Kennedy; Misses Knight, Lige, and Metzger; Mrs. Badger; lecturers from the School of Public Health and Administrative Medicine and from community health and social agencies.

In the broad field of public health and public health nursing, the student learns how the concepts of disease prevention, health maintenance, and rehabilitation are utilized in practice. She also studies public health history and the development of public health programs and organizations. In supervised field experiences, she plans for the care of the patient, and cooperates with persons from other disciplines who are concerned with the patient's welfare and that of his family.

Nursing 85. Selected long-term illnesses.

4 pts

Professors Haber and Hoynak; Misses Hagner, Howell, Maliepaard, and Verdisco; Mrs. Dahlen; members of the Departments of Neurology, Ophthalmology, Orthopedic Surgery, Otolaryngology, Physical Medicine and Rehabilitation, and Psychiatry.

The care of patients with illnesses which are often disrupting and emotionally and physically traumatic to both the patient and his family. Through contacts with patients in the hospital and in the outpatient setting, the student learns the measures for prevention, restoration, and continuity of care. Lectures, visual-aid presentations, demonstrations, seminars, case presentations, discussions, and supervised practice.

Nursing 90. Leadership in nursing.

3 pts

Professor Windrow; Miss Baker; Mrs. Britten.

The third-year student studies problems of role and function in an organizational complex, and concepts related to individual professional development. The course content focuses on: (1) organizational theory as it relates to nursing functions in the clinical setting, (2) the professional subculture and interprofessional relationships, and (3) the effect of scientific study in nursing on professional role and function. Lectures and seminars are concurrent with supervised practice.

Nursing 91. Continuity of patient care.

2 pts

Miss Baker; Mrs. Britten; members of the Department of Psychiatry.

This course is required of students who take *Nursing 90* during the summer period. Planning for and meeting the immediate and long-term needs of patients whose problems necessitate a comprehensive approach. Concurrently with field practice in public health, students follow particular patients within the hospital setting analogous to their public health experience. With other members of the health team and with the family and the patient, the student makes plans to meet the patient's needs. Concurrent seminars provide the benefits of group thinking.

Nursing 92. Advanced medical-surgical nursing.

2 pts

Professor Windrow; Miss Baker; Mrs. Britten; members of the Departments of Medicine and Surgery.

This course is taken concurrently with *Nursing 90* during the autumn and spring terms. Nursing care of patients with illnesses which illustrate major health problems in contemporary American society. Particular attention is paid to cardiovascular illness, cancer, and metabolic disorders, and to research and study in progress. Lectures and seminars parallel supervised clinical practice on the medical metabolic service, the chest surgery service, and the general medical and surgical service.

► PROGRAM FOR STUDENTS IN GROUP A, 1965–1966

The courses listed below by name and number only are described in full under the Program for Group B.

FIRST YEAR

Orientation. 0 pts

Nursing 45. 14 pts

Seminar 45. 2 pts

Instructor to be announced.

The student develops a comprehensive understanding of nursing as a profession through a study of developments and trends in the field which have contributed to current nursing concepts and practice. The student's knowledge of sociology, psychology, biology, and chemistry is applied to nursing care. Through wide reading, the student sees how all learning contributes to the care of the patient.

Physical Education 35. 0 pts

Nursing 46. Medical-surgical nursing. 14 pts

Nursing 48. Special aspects of surgical nursing. 3 pts

Professor Windrow; Misses Barone, Cissell, Hoag, McCormick, and Naughton; members of the Departments of Obstetrics and Gynecology, Psychiatry, Surgery, and Urology.

The surgical patient's hospitalization. Preoperative care, the operative period, and long-range post-operative care. Observation and practice in general surgical areas, recovery room, and operating room, with selected assignments. Modifications in care and in the behavior of patients following specialized surgery of the reproductive and urological tracts. Supervised clinical practice is concurrent with classroom study.

Nursing 60. Maternity nursing. 4 pts

SECOND YEAR

Nursing 61. Pediatric nursing. 5 pts

Includes the principles of orthopedic nursing.

Nursing 65. Psychiatric nursing. 5 pts

Includes independent study in the field.

Nursing 75. Public health nursing. 5 pts

Nursing 78. Selected long-term illnesses. 3 pts

Professors Haber, Hoynak, and Windrow; Misses Howell, Maliepaard, and Verdisco; Mrs. Dahlen; members of the Departments of Neurology, Ophthalmology, Orthopedic Surgery, Otolaryngology, Physical Medicine and Rehabilitation, and Psychiatry.

The course, offered concurrently with *Public Health Nursing 75*, enables the student to care for patients with certain long-term illnesses which are often disrupting and physically and emotionally traumatic to the patient and his family. Clinical practice in the hospital and outpatient department help the student to work with the family in determining realistic and long-term goals for the patient's care. Lectures, seminars, patient presentations, and supervised practice.

Nursing 90A. Leadership in nursing practice. 5 pts

Professors Hamon, Pettit, and Windrow; Misses Baker, Manning, Miller, and Traver; Mrs. Britten; members of the Department of Psychiatry.

The student views the scope of professional responsibility, and utilizes basic knowledge in designing and implementing professional nursing care for a group of patients over the twenty-four-hour period. She also studies organizational theory as it relates to professional roles and relationships in the hospital setting, the function of the hospital organization as it is relevant to the nurses' scope of responsibility, and the effect of scientific study on professional role and function. Seminars and lectures are concurrent with supervised practice.

► SUMMARY OF THE PROGRAM, 1965-1966

FOR STUDENTS IN GROUP B

	AUTUMN TERM	SPRING TERM
FIRST YEAR	Orientation Physical Education 35 Nursing 45	Physical Education 36 Nursing 46
SECOND YEAR	Nursing 56 Nursing 58	Nursing 60 Nursing 61
THIRD YEAR	Nursing 65 Nursing 70 Nursing 75	Nursing 85 Nursing 90 Nursing 91 or 92

Supervised clinical practice during the autumn term of the first year is 8 to 12 hours a week; during the spring term, 20 hours a week.

Each course in the second year, and each course or combination of courses in the third year, meets for one twelve-week quarter. Supervised clinical practice is 28 hours a week.

FOR STUDENTS IN GROUP A

	AUTUMN TERM	SPRING TERM	SUMMER PERIOD
FIRST YEAR	Orientation Nursing 45 Seminar 45 Physical Education 35	Nursing 46 Nursing 48	Nursing 60
SECOND YEAR	Nursing 61 Nursing 65	Nursing 75 Nursing 78	Nursing 90A

Supervised clinical practice during the autumn term of the first year is 8 to 12 hours a week; during the spring term, 24 hours a week; and during the twelve-week summer period, 28 hours a week.

Each course or combination of courses in the second year meets for one twelve-week period. Supervised clinical practice is 28 hours a week.

► SUMMARY OF THE PROGRAM, 1966-1967

Listed below are the titles of the courses required of students in 1966-1967. These courses are not listed in this bulletin; however, students may obtain information on course numbers, hours, instructors, and descriptions from the Associate Dean (Nursing).

FOR STUDENTS IN GROUP B

	AUTUMN TERM	SPRING TERM	SUMMER PERIOD
JUNIOR YEAR	Anatomy & physiology Epidemiology Essentials of nursing care Psychosocial aspects of patient care Dynamics of teaching & learning	Pathophysiology General medical–surgical nursing care Psychological development in health & disease	Maternity nursing Pediatric nursing Family behavior in crisis
SENIOR YEAR	Nursing in the acute phase of illness Nursing in long-term illness Psychosocial aspects of acute & long-term illness	Psychiatric nursing Public health nursing Nursing for community mental health	Leadership in nursing practice Philosophy & history of nursing

FOR STUDENTS IN GROUP A

	AUTUMN TERM	SPRING TERM	SUMMER PERIOD
FIRST YEAR	Anatomy & physiology Essentials of nursing care Pathophysiology General medical–surgical nursing, I Psychosocial aspects of patient care Philosophy & history of nursing	Maternity nursing Pediatric nursing Family behavior in crisis Epidemiology Dynamics of teaching & learning	Psychiatric nursing Public health nursing Nursing for community mental health
SECOND YEAR	General medical–surgical nursing, II Nursing in the acute phase of illness Psychological development in health & disease	Nursing in long-term illness Leadership in nursing practice Independent study	



ANNA C. MAXWELL HALL, DEPARTMENT OF NURSING RESIDENCE

Registration and Expenses

► REGISTRATION

Each student must register in the Office of the Registrar of the Faculty of Medicine, Room 2-405, College of Physicians and Surgeons, 630 West 168th Street, before she may attend classes. Registration consists of filling out forms and paying the fees (see below).

All students will be asked to give social security numbers when registering in the University. Those who do not now have a number should obtain one from their local social security office well in advance of registration.

For the academic year 1965-1966, first-year students, Groups A and B, register on September 16, 1965, and second-year students, Group A, register on September 13, 1965. Second- and third-year students, Group B, will have registered in May 1965.

REGULATIONS

Each person whose registration has been completed will be considered a student of the University during the term for which she is registered unless her connection with the University is officially severed by withdrawal or otherwise. No student registered in any school or college of the University shall at the same time be registered in any other school or college, either of Columbia University or of any other institution, without the specific authorization of the dean or director of the school or college of the University in which she is first registered.

The privileges of the University are not available to any student until she has completed her registration. Since, under the University statutes, payment of fees is part of registration, no student's registration is complete until her fees have been paid. No student is permitted to attend any University course for which she is not officially registered unless she has been granted auditing privileges. No student may register after the stated period unless she obtains the written consent of the Associate Dean.

ATTENDANCE AND LENGTH OF RESIDENCE

No degree or certificate will be granted to a student who has not registered for and attended at the University courses of instruction equivalent to at least one academic year of full-time work.

Students are held accountable for absences incurred owing to late enrollment and are expected to attend punctually each class or laboratory exercise in each course. For credit toward the certificate or degree, regular attendance is required in addition to the proficiency attested by clinical performance, classwork, and examination.

Students whose religious duties conflict at any time with academic requirements should apply to the Associate Dean for an equitable solution.

A student in good standing may, for special reasons, be granted a leave of absence by the Associate Dean. The length of the absence depends upon the particular courses the student is taking at the time of the leave and when these courses will be offered again.

GRADES

The grading system is as follows: A+ or A, excellent; A- or B+, good; B or B-, average; C+ or C, fair; C-, poor but passing; F, failure. Failure to obtain a passing grade will be sufficient reason for asking a student to repeat the course or to resign. A student who fails to receive a satisfactory grade in any course will be notified and will be required, upon the professor's approval, to take a special examination for which there is a fee of \$10.

Students registered in the graduate programs must maintain a B average.

The mark of ABS (authorized absence from an examination) is given by the instructor only with the approval of the Office of the Associate Dean. An application fee of \$10 is charged for each special examination to remove the mark of ABS.

The mark of INC (incomplete) is given at the sole discretion of the Office of the Associate Dean and only under special circumstances. The student must remove the INC by completing a special work assignment by a specified date.

In the graduate program the mark of INC is given only to a student who has met all the requirements of a course except the writing of a paper or papers, this partial failure being deemed the result of causes beyond the student's control. Unless removed by completion of the required work within one year, INC is automatically changed to F.

MARRIAGE

A student contemplating marriage during her basic baccalaureate program in nursing should consider seriously whether or not she is able to meet the demands of both responsibilities. Before any definite plans are made, she should discuss the matter with the Office of the Associate Dean.

Permission to continue in the nursing program after marriage is granted on an individual basis, and the student's level of accomplishment, her health, and her contribution to the over-all program of the Department are taken into consideration. Married students in the third-year class and Group A of the second-year class may request permission to live outside the residence. Permission is granted on an individual basis and is dependent upon the student's meeting certain specific qualifications which are stated in the Department's policies on marriage.

ACADEMIC DISCIPLINE

The continuance of each student upon the rolls of the University, the receipt by her of academic credits, her graduation, and the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the Uni-

versity, which is free to cancel her registration at any time on any grounds which it deems proper. The disciplinary authority of the University is vested in the President and, subject to his reserved powers, in the dean of each faculty and the director of the work of each administrative board.

HONOR CODE

Academic and intellectual integrity are accepted principles in the medical profession. An Honor Code, created and administered by the student body, is the formal acknowledgment of this understanding in the Department. Each student is expected to abide by it.

► FEES

The following fees, prescribed by statute, are subject to change at the discretion of the Trustees:

COMPREHENSIVE FEE

For all B.S. candidates, per year	\$100.00
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TUITION

Group A:

First year	\$1,025.00
Second year	1,025.00

Group B:

First, second, and third years, per year	750.00
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APPLICATION FEES AND LATE FEES

Application for admission	\$15.00
Application for each special examination	10.00
Renewal of application for a degree (see page 38)	1.00
Late registration	6.00
Late application, or late renewal of application, for a degree	5.00

PAYMENT OF FEES

Fees are to be paid in the form of a check or money order made payable to Columbia University.

First-year students and students in Group A registering for their second year must pay tuition and the comprehensive fee in September as part of registration. Students in Group B registering for their second and third years must pay the comprehensive fee as part of their registration in May and must pay the tuition by the date on which classes begin in September.

Arrangements may be made through the Bursar's Office to pay tuition in two installments.

If fees are paid after the due date, they will not be reduced and a late fee of \$6 will be imposed.

WITHDRAWAL AND ADJUSTMENT OF FEES

A student in good academic standing who is not subject to discipline will always be given an honorable discharge if she wishes to withdraw from the University. If she is under twenty-one years of age, her parent or guardian must first give consent in writing to the Associate Dean.

The comprehensive fee, application fees, special fees, and late fees are not refundable. If a student withdraws from the Department, a partial return of the tuition may be authorized by the Registrar. When a rebate is allowed, it will be reckoned from the day upon which the Registrar receives written notice from the student.

APPLICATION OR RENEWAL OF APPLICATION FOR A DEGREE

A candidate for a degree must file application by the date specified in the Academic Calendar. If the degree is not earned by the next regular time for the issuance of diplomas subsequent to the date of filing, the application may be renewed for a fee of \$1 each time that the candidate chooses to come up for consideration. Degrees are awarded three times a year—in February, June, and October.

► ESTIMATED EXPENSES

In addition to the tuition and fees given above, the approximate cost for the course is as follows:

Room and board in Maxwell Hall, per year	\$600.00
Student health and hospital fee, per year	85.00
Uniforms	155.00
Expenses for course in public health nursing, including rental of uniform	50.00
Books for entire program	200.00
Miscellaneous expenses on admission	20.00
Comprehensive examination fee, senior year	10.00

The charges for room and board in Maxwell Hall and the student health and hospital fee are payable at registration. However, arrangements may be made through the Bursar's Office to pay room and board in two installments.

► ESTIMATED EXPENSES, 1966-1967

Tuition for Group A and Group B, per year	\$1,200.00
Room and board in Maxwell Hall, per year	1,000.00

► FINANCIAL AID

The Department of Nursing has a number of sources for financial aid to students; all scholarships are awarded on the basis of financial need. The Department also participates in the College Scholarship Service of the College Entrance Examination Board. Detailed scholarship information and application forms, including the Parent's Confidential Statement of the College Scholarship Service, may be obtained from the Office of the Associate Dean (Nursing).

VIVIAN B. ALLEN SCHOLARSHIPS

Two or three tuition scholarships awarded annually.

SCHOLARSHIPS OF THE ALUMNAE ASSOCIATION OF COLUMBIA UNIVERSITY-PRESBYTERIAN HOSPITAL SCHOOL OF NURSING, INC.

Twenty partial tuition scholarships awarded annually.

ANNUAL BENEFIT SCHOLARSHIP FUND

The proceeds of a benefit sponsored by a committee of parents, faculty wives, and friends of the Department of Nursing. Last year the fund amounted to \$11,000 and was apportioned as tuition scholarships.

EDNA MC CONNELL CLARK FOUNDATION, INC.

Twenty scholarships awarded annually.

MARGARET E. CONRAD SCHOLARSHIPS

Two scholarships awarded annually.

JOHN A. HARTFORD FOUNDATION SCHOLARSHIPS

Fifty scholarships awarded annually.

ELEANOR LEE SCHOLARSHIP

One partial tuition scholarship awarded annually.

JANE MC ALLISTER SCHOLARSHIPS

Partial tuition scholarships for second-year students.

BARRET MONTFORT SCHOLARSHIP

One or two tuition scholarships awarded annually.

SAMUEL J. MORITZ SCHOLARSHIP

One scholarship awarded annually.

DEAN SAGE SCHOLARSHIP

One scholarship given in memory of Mr. Dean Sage, late president of the Presbyterian Hospital Board of Trustees; awarded annually.

MARY SENCINDIVER SPECHT SCHOLARSHIP

One partial tuition scholarship awarded annually.

FREDERICK STURGES, JR., SCHOLARSHIPS

Two scholarships awarded annually.

NEW YORK STATE SCHOLAR INCENTIVE AWARDS

Any student who has been a legal resident of New York State for the preceding year is entitled to a Scholar Incentive Award for each term in which she is registered as a full-time degree candidate. The amount of this award is based upon the net taxable balance of his income and the income of those responsible for his support, as reported on the New York State income tax return for the previous calendar year.

Applications for awards should be filed three months in advance of the beginning of the term for which the grant is meant to apply. Additional information and applications can be obtained by writing to the Department of Education, Regents Examination and Scholarship Center, Albany, N.Y. 12201.

LOANS

A student loan fund is maintained from which students may borrow reasonable amounts without interest. The Wray Loan Fund, for third-year students, was established in 1958. Further information may be obtained from the Office of the Associate Dean (Nursing).

Application for University loans and for loans under the National Defense Education Act, Title II program, may be made through the Office of Financial Aid, 106 Low Memorial Library, on the Morningside Heights campus.

STUDENT EMPLOYMENT

Employment is available for students evidencing particular need for financial assistance. Opportunities for baby-sitting make it possible for interested students to meet part of their incidental expenses.

► LIVING ARRANGEMENTS

Anna C. Maxwell Hall, 179 Fort Washington Avenue, the residence of the Department of Nursing, overlooks the Hudson River, and connects by underground passage with the other buildings of the Medical Center. Reception rooms, dining room, snack bar, library, and recreational facilities including a swimming pool are located in this building. Each student has a single room with running water. Every effort has been made to create a homelike atmosphere and provide wholesome living conditions.

► STUDENT HEALTH SERVICE

Emphasis is placed on the importance of healthful living and the particular significance of this to the nurse as a person and as a health teacher. Through individual and group conferences, as well as student committees of the Student Government Association, health practices and student activities are carefully considered. Every

effort is made to maintain a positive approach to the individual's responsibility for her own well-being, both emotional and physical.

The health of the student is closely supervised. Physical examinations are made at regularly scheduled periods and at other times, when necessary, by the school physician; laboratory investigations are made when indicated. Chest x-ray or tuberculin tests, or both, are done semiannually. Students are under the care of the Department physician or surgeon during their registration. Within reasonable limits, the Department assumes the cost of medical care of illness originating during the student period. All students are covered by Blue Cross membership; they are encouraged to carry Blue Shield at their own expense. The expenses of dental care and eye refraction must be borne by the student.

► STUDENT ACTIVITIES

In accordance with the plan for all schools under the University, the students are organized under a Student Government Association. Through this organization the students have representation on the University Student Council, and are eligible for participation in the many activities at the Medical Center and on the Morningside campus.

The Honor System, which pertains to academic and other aspects of student life, is one of the major responsibilities of the Student Association. All students accept responsibility for maintaining a strong sense of individual and group honor.

The Activities Council of the Student Government Association provides a program of cocurricular activities to help meet the major interests of the student group. A joint committee, with representatives of the P&S Club of the College of Physicians and Surgeons, provides for coordination of the program of the two groups and allows for many cooperative undertakings. The Activities Council club membership consists of the Athletics Club, the Cosmopolitan Club, the Dramatics Club, the Glee Club, the Polygon Club, and the White Caps.

The cocurricular program is under the guidance of the recreational director. Tennis courts on the hospital grounds, swimming pool, gymnasium, and commons room in Maxwell Hall offer opportunity for recreation.

The Nursing Students' Handbook, revised yearly by the Student Government Association, contains a detailed account of the various student activities as well as the constitution and by-laws of the association. *Vital Signs*, written and edited by students, is the student newspaper.

It is anticipated that the students will assume a contributing role in the school community.

► NATIONAL HONORARY NURSING FRATERNITY

In 1964 the Alpha Zeta Chapter of Sigma Theta Tau, the National Honorary Nursing Fraternity, was established in the Department of Nursing. Membership is by invitation and the selection of students is based on a high standard of performance in the program and on evidence of leadership potential.

► GRADUATION

At the Commencement exercises of Columbia University the degree of Bachelor of Science will be conferred upon students who have completed the prescribed course in the Department of Nursing and who are recommended by the Faculty of Medicine. Degrees are awarded in February, June, and October. Diplomas are presented individually at special exercises held by the Department of Nursing. The school pin is given to each graduate at these exercises.

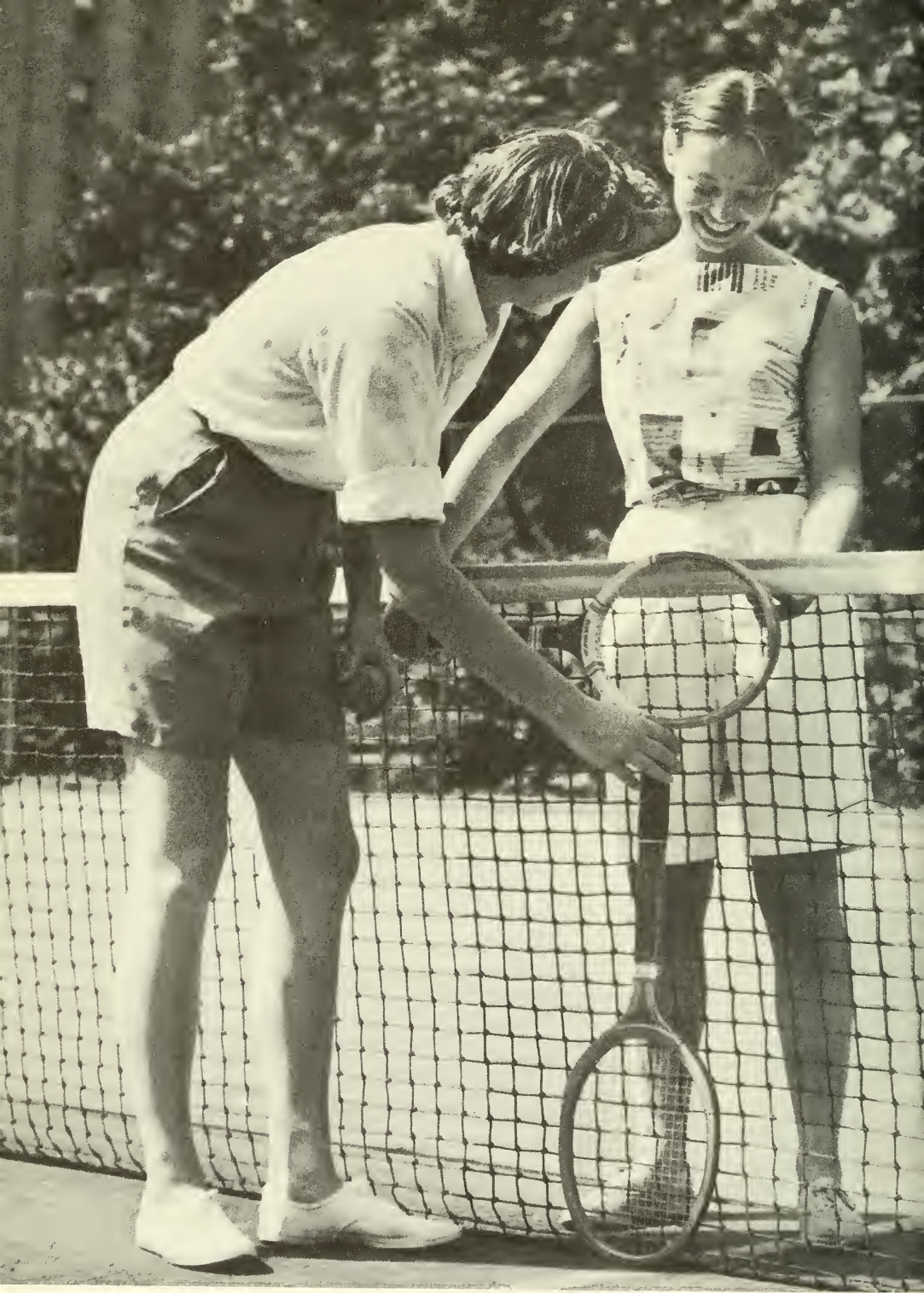
Every student completing the course will receive a certificate in nursing from the Presbyterian Hospital, upon recommendation of the Faculty of Medicine.

The diploma admits the graduate to membership in the Alumnae Association of the Columbia University–Presbyterian Hospital School of Nursing, and together with her state license to practice nursing (R.N.), it entitles her to membership in the American Nurses Association, the National League for Nursing, and other professional organizations.

Distribution of Students

In 1964-1965 a total of 153 colleges and universities were represented in the student body.

Albion	1	Douglass	8	Keuka	1
American	1	Dubuque	1	King's (N.Y.)	16
Anna Maria	2	Duke	1		
Asbury	2			Lake Erie	1
Auburn	1	Earlham	2	Lasell Junior	1
Augsburg	1	Eastern Nazarene	1	Le Moyne (N.Y.)	1
Averett	1	Elizabethtown	1	Long Island	1
		Elmira	24	Loretto Heights	2
Baltimore Junior	1	Emerson	1		
Barnard	2	Emmanuel College	3	Mary Baldwin	1
Bates	5	Emory	2	Maryland	1
Beaver	1	Endicott Junior	1	Marymount (Calif.)	1
Bennett	1			Marymount (N.Y.)	1
Bethany (W. Va.)	1	Fairleigh Dickinson	2	Marymount (Va.)	2
Bradford Junior	4	Fordham	2	Maryville (Tenn.)	1
Briarcliff	1			Meredith	1
Brooklyn	2	Gettysburg	1	Miami (Fla.)	1
Buffalo	1	Good Counsel	1	Michigan	4
		Goucher	2	Middlebury	1
California	1	Greenbrier	2	Minnesota	2
Calvin	1	Green Mountain	18	Moravian	1
Carleton	3	Grove City	2	Mount Holyoke	11
Catawba	2			Mount St. Vincent	2
Cazenovia	1	Harpur	1	Muhlenberg	2
Cedar Crest	4	Hartford	1	Muskingum	5
Centenary College for		Hartwick	3		
Women	13	Hawaii	1	New Rochelle	3
Chestnut Hill	1	Hofstra	3	Niagara	1
Chicago	1	Hope	4	North Carolina	1
City College (N.Y.)	2	Hood	2	Northwestern (Ill.)	1
Coker	1	Houghton	38	Northwestern (Iowa)	1
Colby	2	Hunter	5	Notre Dame (Md.)	1
Colby Junior	4	Huntingdon	1		
Connecticut College	1			Oberlin	1
Connecticut	2	Idaho	2	Ohio State	1
Cornell	1	Ithaca	1	Ohio Wesleyan	5
				Omaha	1
Denison	1	Jackson (Mass.)	4	Orange County	
Drew	2	Juniata	1	Community	1



TENNIS ON THE MEDICAL CENTER COURTS

Oregon State	1	St. Joseph (Md.)	2	Vassar	1
Otterbein	1	St. Lawrence	1	Virginia Intermont	4
		St. Mary's (Ind.)	1		
Packer Collegiate		Salem	1	Wagner	1
Institute	3	Santa Monica City	1	Wake Forest	1
Pembroke	2	Shelton	1	Washington College	
Penn Hall Junior	2	Skidmore	1	(Md.)	1
Pennsylvania State	3	Smith	1	Wellesley	3
Pine Manor Junior	1	Southern Seminary	1	Wells	2
		Swarthmore	1	Westhampton	1
Queens (N.Y.)	3	Sweet Briar	1	Westminster (Pa.)	5
		Syracuse	2	Westminster (Utah)	1
Randolph-Macon				Wheaton (Ill.)	11
Women's College	1	Taylor	1	Wheaton (Mass.)	2
Rhode Island	1	Temple	2	Wilmington	1
Ripon	1	Tusculum	1	Wilson	5
Russell Sage	1			Wittenburg	1
				Wooster	4
St. Francis (Pa.)	1	Upsala	1	Worcester Junior	1
St. John's (Md.)	1	Ursinus	1		
St. John's (N.Y.)	1	Utica	1	Young Harris	1



SWIMMING POOL ACTIVITIES ARE IMPORTANT IN STUDENT RECREATION

STUDENTS LEAVE FOR A SKI TRIP



Academic Calendar, 1965-1966

All holidays and vacations are arranged in accordance with individual schedules.

1965

- May 11-12** Tuesday-Wednesday. Registration, including payment of comprehensive fee and health and hospital fee, for second- and third-year students in Group B.
- 24** Monday. New school year begins for second- and third-year students in Group B.
- 24** Monday, through September 12, Sunday. Summer vacation period. Four weeks of vacation to be arranged.
- July 5** Monday. Independence Day. Holiday.
- Aug 2** Monday. Last day to apply or reapply for October degrees.*
- Sept 6** Monday. Labor Day. Holiday.
- 10** Friday. School year ends for previously enrolled students in Group A.
- 13** Monday. Orientation for all entering students. Second- and third-year students in Group B pay tuition. Registration, including payment of fees, for second-year students in Group A. Second quarter begins.
- 16** Thursday. Registration, including payment of fees, for first-year students in Group A and Group B.
- Oct 27** Wednesday. Award of October degrees.
- Nov 2** Tuesday. Election Day. Holiday.
- 25** Thursday. Thanksgiving Day. Holiday.
- Dec 1** Wednesday. Last day to apply or reapply for February degrees.*
- 20** Monday, through January 2, 1966, Sunday. Christmas holiday period. One week of vacation to be arranged.

1966

Additional dates for the spring term are shown on student schedules.

- Feb 22** Tuesday. Washington's Birthday. Holiday.

* Students who file application after this date must pay a late fee.

- Feb 23** Wednesday. Award of February degrees.
- Mar 1** Tuesday. Last day to apply or reapply for June degrees.*
- 28** Monday, through April 10, Sunday. Spring holiday period. One week of vacation to be arranged.
- 21** Saturday. School year ends for first- and second-year students in Group B.
- 28** Saturday. School year ends for third-year students in Group B.
- 29** Sunday. Baccalaureate Service for the graduating class.
- 30** Monday. Memorial Day. Holiday.
- June 1** Wednesday. Conferral of degrees. Ceremony at Columbia University.
- 2** Thursday. Presentation of diplomas, certificates, and pins. Ceremony in the Presbyterian Hospital Garden.

* Students who file application after this date must pay a late fee.

Master's Programs in Clinical Nursing

MATERNITY NURSING

PSYCHIATRIC—COMMUNITY MENTAL HEALTH NURSING



MOTHER AND NURSE-MIDWIFERY STUDENT LISTEN TOGETHER
TO THE BABY'S HEARTBEAT

Maternity Nursing

The graduate program in maternity nursing, which leads to the degree of Master of Science, is offered by the Department of Nursing in cooperation with the University's School of Public Health and Administrative Medicine, the Maternity Center Association, and the Obstetrical and Gynecological Service of the Presbyterian Hospital.

Maternity Center Association is a voluntary organization which is continually working toward the improvement of maternity care. Through its many and varied educational and counseling services, it strives to make the coming of babies events which strengthen and hold families together. The Association was organized in 1918 and incorporated in 1919. The first school for nurse-midwives in the United States was opened by the Association for the Promotion and Standardization of Midwifery, Incorporated, in New York City in 1932, its directorate interlocking with that of the Maternity Center Association. In 1934, the Maternity Center Association and the Association for the Promotion and Standardization of Midwifery entered into an agreement whereby the former assumed administrative and financial responsibility for the nurse-midwifery school. It holds a provisional charter to conduct a school from the University of the State of New York. In 1958 the home delivery service was discontinued. Since that time the education of the nurse-midwife has been concentrated at the Kings County Hospital, a large city hospital associated with the Downstate Medical Center of the State University of New York. A nurse-midwifery service functions as part of routine patient care at Kings County, which conducts between 6,000 and 6,500 deliveries each year.

PHILOSOPHY

It is the belief of the faculty of this graduate program in nursing that preparation leading to a master's degree for teaching, supervisory, or clinical work should emphasize the attainment of intensive knowledge and competence in a chosen clinical field, and an understanding of the basic principles involved in functional preparation.

The education of the nurse-midwife at Columbia University is based on this philosophy. The course of study is designed to provide the student with continuous opportunity to relate and integrate her theoretical knowledge with clinical practice by assuming, under tutorial guidance, responsibility for the complete care of mother and baby throughout parturition. We believe that this responsibility for application of theoretical knowledge to the realities of clinical practice stimulates the motivating forces of learning, making it a dynamic process within the student, which becomes self-perpetuating and reaches far beyond the time spent within the walls of the University.

PROGRAM FOR THE MASTER OF SCIENCE DEGREE

The program is eleven months in length and leads to a Master of Science degree from Columbia University and a Certificate in Nurse-Midwifery from Maternity Center Association. The course is planned around preparation in the clinical specialty, based on a concept of continuous maternity care, centered on the family in a community setting. The complete service (envisaged) considers the needs and desires of the people being served as well as the reduction of maternal and infant mortality and the maintenance of scientific and technical standards of care. It includes the education, emotional support, and guidance of expectant parents, skilled attendance and emotional support throughout labor, and the integration of maternity care with good family living.

Since graduates in this clinical specialty often assume positions of leadership, their preparation must include the development of skills and the teaching of basic principles needed for the improvement of care through research, education, and group action. These skills include the ability to teach, and to evaluate educational programs for parents, students in nursing, and in-service programs, as well as to plan, develop, evaluate, and integrate maternity care programs with the activities of general health and welfare services. Each student is required to prepare a design for a research study of a particular area of interest in maternity nursing.

A minimum of 16 points are required in maternity nursing, including field experience. This experience is obtained in the Obstetrical and Gynecological Service of Presbyterian Hospital, including a special midwifery clinic, and in other agencies, including the Maternity Center Association and the Kings County Hospital.

In order to meet the requirements for the degree, each student must complete a minimum of 32 points. Since students come to the program with widely varied preparation and experience, and with different interests and aims, every effort is made to help them select additional courses which will meet individual needs and provide as much flexibility as possible. Many of the courses offered by the School of Public Health and Administrative Medicine, as well as courses offered by other schools in the University, are available to students in this program. The student should bear in mind, however, that preparation for specific jobs may require more than the eleven months included in this program.

Students taking courses in the School of Public Health and Administrative Medicine may participate in an orientation program of approximately ten days starting on the day before registration in September. This program is designed to provide all entering students with an orientation to the community, the Medical Center, and the Department. Emphasis is placed on a rapid survey of the nature of the community, its health problems, and some ways of dealing with them.

► ADMISSION

Each candidate must be a graduate of an approved school of nursing and must hold a bachelor's degree from a college or university acceptable to Columbia University. Her preparation must include a course in public health nursing. She must also be licensed to practice in one of the states of the United States. Acceptance of a student for admission is based upon individual evaluation of character, health,

past experience, and potential for graduate study, as well as upon the fulfillment of academic requirements. The student should have a definite purpose to continue in professional work upon completion of the course.

Applicants, including foreign students, who do not meet the foregoing qualifications are considered on an individual basis.

All candidates are required to make formal application in writing on blanks supplied by the Department. Each candidate must present a record of good health, including a satisfactory report of a chest x-ray. The completed application must be accompanied by the application fee: a check or money order for \$15 payable to Columbia University. This fee helps to cover the cost of processing the application. It is therefore not refundable, nor is it credited toward tuition.

The completed application must be filed and the candidate accepted before registration. Students requiring financial assistance should indicate this on the application. Some scholarship assistance is available.

All applicants are required to take the Miller Analogies Test at one of the testing centers located throughout the United States. This test is designed to measure scholastic aptitude for graduate study. Instructions for testing will be sent as soon as records have been received which indicate that the applicant meets the academic requirements of the program. Applicants should complete arrangements for testing as soon as possible, since results must be received before applications can be reviewed by the admissions committee.

When all records are complete and satisfactory to the Department of Nursing, an appointment for a personal interview will be made.

Application blanks and any further information about the program may be secured from the Department of Nursing, Faculty of Medicine, Columbia University, 622 West 168th Street, New York, N.Y. 10032.

Courses of Instruction

The University reserves the right to withdraw or modify the courses of instruction or to change the instructors as may be necessary.

MATERNITY

Nursing 262. Anatomy and physiology of reproduction. 2 pts

Members of the Faculty of Medicine. Two hours a week, first and second quarters. Structure, nerve supply, blood supply, and physiology of the female reproductive organs; structure and functions of the male reproductive organs; embryonic development; current concepts of heredity which relate to genetic counseling.

Nursing 263. Advanced maternity nursing. 3 pts

Miss Cantwell; visiting lecturers. Two hours a week, first quarter; two and one half hours seminar and twelve hours field experience a week, second quarter.

Historical development of maternity care in relation to available knowledge, superstitions, customs, mores, technological advances, and changes in social and economic structures. Present practices in the United States are explored in relation to current trends and anticipated problems. Techniques of interviewing and observing are developed as the students begin to explore the needs of mothers and babies in the various stages of the maternity cycle.

Nursing 265. Obstetrics and pediatrics for nurse-midwifery. 3 pts

Professor Williamson and members of the Department of Obstetrics and Gynecology and the Department of Pediatrics.

Prerequisite: *Nursing 262.*

Lectures on the theory of obstetrics, including reproductive anatomy and physiology; disorders of the reproductive system; physiology of pregnancy, labor, and the puerperium; management and care of the newborn; complications of the newborn; other aspects of infant care.

Nursing 266. Nurse-midwifery, I. 2 pts

Misses Cantwell and Parke; members of the Department of Obstetrics and Gynecology. One and one-half hours a week, third quarter; three hours a week, fourth quarter.

Prerequisite: *Nursing 263.*

Seminar discussions, based on students' clinical experience with individual mothers and their families, of the nursing care and nurse-midwifery management of the antepartal, intrapartal, and postpartal phases. Part of the discussion deals with physiological, social, and psychological principles; part is aimed at helping the student to identify the needs of parents and to analyze her own effectiveness in meeting these needs.

Nursing 266A. Field work. 2 pts

Misses Cantwell and Parke; members of the Department of Obstetrics and Gynecology. Twelve hours a week, second and third quarters; sixteen hours a week, fourth quarter.

Prerequisite or parallel: *Nursing 265 and 266.*

Students are assigned to selected patient care related to class discussion and content. Experience is concentrated on a study of the nursing needs and evaluation of nursing care of mothers and their families throughout the maternity cycle beginning with the normal and proceeding to the mother with complications, and on the nurse-midwifery management of normal mothers during pregnancy. A limited amount of experience is also provided in management of normal labor, delivery of the baby, and follow-up of the mother and baby postpartum. Experience in the rooming-in unit, the premature nursery, and in other areas may be included according to the student's particular interest.

Nursing 267. Curriculum and teaching survey.**3 pts**

Instructor to be announced. Three hours a week, third and fourth quarters.

Lectures and discussion on principles of teaching and curriculum construction. General concepts of education, principles of teaching and learning, methodology, student-teacher relations, curriculum patterns and their development, unit construction, and principles and tools of evaluation and measurement. As part of the requirement for the course, each student selects a teaching project which can be carried out in the field of maternity care.

Nursing 270. Nurse-midwifery, II.**4 pts**

Misses Beck and Cantwell; members of the staff of Maternity Center Association.

Full time, summer period.

Prerequisite: *Nursing 265, 266, and 266A.*

Intensive unit of theoretical and practical experience in antepartal, intrapartal, and postpartal care of mothers and babies. Clinical practice, teaching rounds, case presentations, and seminars with obstetricians and nurse-midwifery instructions. Since this kind of experience cannot be preplanned and is not confined to a daytime schedule, it is necessary that the student be available full time.

Nursing 272. Parent education.**2 pts**

Miss Cantwell; Mrs. Hall; members of the staff of Maternity Center Association.

Two hours a week, spring term and summer period.

Prerequisite: *Nursing 267.*

A study of the informational needs of mothers and their families throughout the entire maternity cycle and of how these needs may be met. Observation and practice teaching at Presbyterian Hospital and/or Maternity Center Association.

GENERAL BACKGROUND COURSES**Administrative Medicine P6201. Group processes.****1 pt**

One and one-half hours a week, first quarter.

Students are divided into groups of about sixteen each. Utilizing group discussion techniques, students work toward greater objectivity in observing and understanding their own behavior and that of others in groups. Skills in participation and leadership in groups, and in communication in general are identified, used, and refined.

Administrative Medicine P6202. Principles of administration.**2 pts**

One and one-half hours a week, second quarter; two hours a week, third quarter.

An introduction to organization and administration, particularly in public service, illustrated by actual administrative problems in large organizations. The functions and techniques of personnel management. Labor management relations as they apply in the health field.

Biostatistics P6201. Introduction to vital statistics.**2 pts**

Professor Fertig and staff. Two half-days a week, first quarter.

Lectures and laboratory work. Mass data of the health fields; the content of vital statistics; methods of collecting, tabulating, and graphing data; elementary methods of analyzing some of the simpler types of data in terms of averages, percentages, and rates. The laboratory work, which comprises about two thirds of the course, is devoted to the practical application of the methods presented in the lectures.

Environmental Health P6201. Environmental health practice.**1 pt**

Three hours a week, third or fourth quarter.

For students with a special interest in the technical control of man's environment.

Lectures, directed readings, discussions, and exercises. The development of programs for the solution of community environmental health problems.

Epidemiology P6201. Introduction to communicable disease epidemiology.**1 pt**

Two hours a week, first quarter.

The nature and properties of microbial agents which are of particular importance to epidemiology; the principles of immunity and host response to infection, the general principles governing the maintenance and transmission of disease agents; the application of such knowledge to disease control.

Epidemiology P6202. Principles of epidemiology. 2 pts

Six hours a week, second quarter.

Lectures, seminars, and exercises on the basic principles, contemporary concepts, historic and current uses of epidemiology, including agent, host, and environmental factors related to disease occurrence and geographic distribution; natural history and prevention of disease; and the study of epidemics.

Mental Health P6201. Personality: its development and functioning. 2 pts

Dr. Sanders. One and one-half hours a week, first and second quarters.

Lectures and seminars. The problems encountered in the various stages of psychological growth and personality development, as related to programming in public health and administrative medicine. Interpersonal relations and the theory and techniques of interviewing.

Nutrition P6201. Principles of individual and public health nutrition. 2 pts

Professor Sebrell. One and one-half hours a week, third and fourth quarters.

Primarily for M.P.H. candidates.

Review of the essentials of nutrition and principal human nutritional deficiency conditions. Epidemiological aspects of nutrition. Factors affecting adequacy of dietary intake in the population, method of determining nutritional status, the development of nutrition standards, and recent advances in experimental nutrition and related fields which affect public health.

Nutrition P6202. Introduction to human nutrition. 2 pts

Two hours a week, first and second quarters.

Especially for M.S. candidates in nutrition.

Perspectives on human nutrition and deficiency states. The relationships between biochemical and clinical manifestations of nutritional adequacy. Recent advances in experimental and human nutrition.

Nutrition P6203. Nutrition education. 1 pt

Two hours a week, second quarter.

Prerequisite: *Public Health Education 201* or the equivalent.

Varied cultural patterns of food used, and methods which may help to improve nutrition in different population groups. Lectures, films, and seminars.

Public Health Education P6201. Principles of education. 1 pt

One hour a week, first quarter; one and one-half hours a week, second quarter.

An analysis of education as a major function of community health action. Emphasis on the nature and scope of health education, its base in the social sciences, and its application to programs of action, evaluation, and research.

Public Health P6206. Social foundations of community health. 3 pts

Four and one-half hours a week, first and second quarters.

An analysis of the social and cultural bases of community health action as they are affected by the problems of group life. The history and geography of disease, population change, and the evolution and philosophy of public health are considered, leading to a detailed presentation of the sociological, political, and economic aspects of society in relation to health.

Registration and Expenses

Each student must register in the Office of the Registrar of the Faculty of Medicine, Room 2-405, College of Physicians and Surgeons, 630 West 168th Street, before she may attend classes. Registration dates are given in the Academic Calendar. Registration includes payment of fees.

All students will be asked to give social security numbers when registering in the University. Those who do not now have a number should obtain one from the local social security office well in advance of registration.

The student health service fee is paid annually by all full-time students at the beginning of the school year. Checks should be drawn to the order of Columbia University. If fees are paid after the day of registration, the charge of \$6 is automatically imposed. Under the regulations, the privileges of the University are not available to any student until she has completed her registration. Fees are as follows:

Autumn term	
Comprehensive fee	\$ 50.00
Tuition	825.00
Student health and hospital fee	65.36
Spring term	
Comprehensive fee	50.00
Tuition	825.00
Summer period	
Comprehensive fee	10.00
Total	<hr/> \$1,825.36

APPLICATION FEES AND LATE FEES

Application for admission	\$15.00
Application for each special examination	10.00
Renewal of application for a degree or certificate (see below)	1.00
Late registration	6.00
Late application, or late renewal of application, for a degree or certificate	5.00

REGULATIONS

For University regulations concerning registration, attendance and length of residence, grades, marriage, and academic discipline, see page 35 of this bulletin.

WITHDRAWAL AND ADJUSTMENT OF FEES

An honorable discharge will always be granted to any student in good academic standing and not subject to discipline who may desire to withdraw from the Univer-

sity. Students withdrawing are required to notify the Registrar in writing at once. The Associate Dean (Nursing) may, for a valid reason, grant a leave of absence to a student in good standing.

The comprehensive fee, application fees, special fees, and late fees are not refundable. If a student withdraws from the Department, a partial return of the tuition that she has paid may be authorized by the Registrar. When a rebate is allowed, it will be reckoned from the day upon which the Registrar receives a written notice from the student.

APPLICATION OR RENEWAL OF APPLICATION FOR A DEGREE

A candidate for a degree must file application by the date specified in the Academic Calendar. If the degree is not earned by the next regular time for the issuance of diplomas subsequent to the date of filing, the application may be renewed for a fee of \$1 each time that the candidate chooses to come up for consideration. The degree is awarded in October.

► LIVING ARRANGEMENTS

All students registered in the University are eligible for rooms in University residence halls, as listed below. Assignment of rooms is made by the term. Fees may be paid by the term or by the month. Requests for information and for application forms should be made directly to the individual residence hall. The Morningside campus is located approximately twenty minutes by bus or subway from the Washington Heights campus and the Presbyterian Hospital.

Medical Center Campus:

Anna C. Maxwell Hall, Department of Nursing residence, 179 Ft. Washington Avenue (located directly across the street from the Presbyterian Hospital). Apply directly to the Department of Nursing, Faculty of Medicine, Columbia University, 622 West 168th Street, New York, N.Y. 10032.

Bard Hall, medical school residence, 50 Haven Avenue, New York, N.Y. 10032 (about three blocks from the Presbyterian Hospital).

Dining facilities at the Presbyterian Hospital are open to students. It has been estimated that approximately \$150 monthly should be budgeted for room and meals.

Morningside Campus:

Johnson Hall, women's residence hall, 411 West 116th Street, New York, N.Y. 10027.

International House, 500 Riverside Drive, New York, N.Y. 10027. Not a University residence hall, but primarily for graduate students at Columbia and other colleges and universities in New York City.

STUDENT HEALTH SERVICE

The student health service fee is payable by all full-time students at the beginning of the school year. This fee will be used to pay the annual premium of the Asso-

ciated Hospital Service of New York for hospital insurance and to pay part of the cost of the student health service. If the student wishes to carry her own hospital insurance, the fee for health services will be \$7.28 per year.

Daily office hours are held by the Student Health Service in Room 2-220 of the Vanderbilt Clinic. Members of the health service are available to attend students who are ill at home, if they live near the Medical Center.

UNIFORMS

D'armagene summer public health uniforms, with regulation white oxfords, are worn for all field experience. Lockers are provided in the hospital so that uniforms need not be worn on the street.

► TEACHING FACILITIES

Amphitheatres, classrooms, and laboratories of the Faculty of Medicine and the Obstetrical Service of the Presbyterian Hospital, Vanderbilt Clinic, and the New York State Psychiatric Institute are used. The clinical fields available through the several cooperating agencies afford learning opportunities in the clinic, hospital, and community.

Academic Calendar, 1965-1966

AUTUMN TERM

- Sept 11** Friday. Preorientation at the School of Public Health and Administrative Medicine.
- 13** Monday. Registration, including payment of fees.
- 16** Thursday. First quarter begins.
- 16-20** Thursday-Wednesday. Orientation period.
- 21** Tuesday. Start of regular class schedule.
- Nov 2** Tuesday. Election Day. Holiday.
- 17** Wednesday. First quarter ends.
- 18** Thursday. Second quarter begins.
- 25-28** Thursday-Sunday. Thanksgiving Holidays.
- Dec 20** Monday, through January 2, 1966, Sunday. Christmas Holidays.

SPRING TERM

- Jan 28** Friday. Registration, including payment of fees.
- 29** Saturday. Second quarter ends.
- 31** Monday. Third quarter begins.
- Mar 26** Saturday. Third quarter ends.
- 28** Monday. Fourth quarter begins.
- Apr 4-10** Monday-Sunday. Easter Holidays.
- May 27** Friday. Registration, including payment of fees, for the summer period.
- 28** Saturday. Fourth quarter ends.

SUMMER PERIOD

- June 6** Monday. Classes begin. Summer period begins.
- Aug 1** Monday. Last day to apply for October degrees.*
- 27** Saturday. Completion of course.

* Students who file application after this date must pay a late fee.

Psychiatric—Community Mental Health Nursing

A graduate program in psychiatric—community mental health nursing, leading to the degree of Master of Science, will be offered by the Department beginning in September 1966.

This program will prepare qualified professional nurses for clinical psychiatric nursing specialties within the broad spectrum of existing and evolving patterns of psychiatric and mental health care. The specialist must be prepared not only to function within the hospital setting, but also to assume increasing responsibility for contributing to meeting peoples' mental health and psychiatric needs in other settings in the community.

PHILOSOPHY

The philosophy of this program, consistent with the philosophy of the Department of Nursing as stated in this bulletin, is that:

knowledge and practice in a particular field should be extended and deepened on the graduate level;

the factors within contemporary society which affect the mental health of that society must be considered;

graduate education not only provides opportunities for the student to obtain advanced knowledge and greater competence in the field, but also enables the student to utilize this knowledge in developing a deeper understanding of complex human behavioral problems;

a graduate program serves to deepen the nurse's competence as a collaborative participant with other professionals in the decision-making aspect of a therapy program;

understanding of principles of the teaching, supervisory, and consultant roles, which are often associated with the functioning of the clinical specialist, can be achieved in a graduate educational program;

graduate psychiatric nursing education provided in an interdisciplinary, clinical setting is enhanced by the student's involvement in patient care programs.

PROGRAM FOR THE MASTER OF SCIENCE DEGREE

The program will be two academic years in length and will consist of 55 course credits. During the summer between the first and second years, it is recommended

that the student gain work experience in an agency providing services related to his or her area of interest.

As psychiatric nursing care is being extended from the hospital into the community, more is expected of the psychiatric nurse. She must be able to (1) provide continuous care for patients in varied settings; (2) correlate and coordinate mental health services; (3) guide and instruct others in psychiatric and mental health nursing care; and (4) function effectively with members of other disciplines.

Thus, the graduate program will include courses in advanced psychiatric nursing, in community mental health nursing, and in the behavioral, social, and natural sciences. Clinical experience in interdisciplinary community psychiatric and mental health services will serve to develop the collaborative skills basic to planning for patient and community needs. Within the program, each student will have an opportunity to concentrate on an aspect of this field which is of particular interest.

Students in this program will utilize the facilities of the Columbia-Presbyterian Medical Center and the University, with specific reference to the graduate schools, the developing community mental health and psychiatric programs of the New York State Psychiatric Institute and the Vanderbilt Clinic in the Medical Center, and the mental-health-oriented public health nursing services in the community.

This graduate program will provide the student with the educational background in clinical psychiatric nursing necessary for advanced study in this or other social and behavioral sciences.

► ADMISSION

The applicant's preparation must include psychiatric and public health nursing courses of which clinical experience is a part. Other admission requirements are given on page 26.

Courses of Instruction

The University reserves the right to withdraw or modify the courses of instruction as may be necessary.

Courses which will be offered by the Department are described below. In addition, appropriate courses in anthropology, social psychology, physiology of behavior, biostatistics, and group work will be drawn from various divisions of the University, including the Graduate Faculties, the School of Social Work, and the School of Public Health and Administrative Medicine.

The student will carry from 12 to 15 points each term.

FIRST YEAR: AUTUMN TERM

Nursing 280. Advanced psychiatric theory. 3 pts

Emphasis on psychodynamics; psychopathology; adaptation and stress in relation to health and disease; social and cultural determinants in behavior; treatment modalities; community-centered approach. Lecture, seminar, and demonstration.

Nursing 281. Psychiatric nursing concepts. 3 pts

Analysis of concepts relating to normal and abnormal phenomena drawn from nursing, psychiatry, and the social sciences, for use in the planning of appropriate nursing intervention in individual and family crises. Psychiatric nursing within the hospital and community; the pathophysiological, psychodynamic, and socio-cultural factors affecting the mental health of the individual and his family. Seminar and clinical practice.

FIRST YEAR: SPRING TERM

Nursing 290. Educational processes in society. 3 pts

Principles of program planning, including the dynamics of the teaching-learning process and the interrelationship between the educational programs and the values, needs, and movements within a society. Seminar.

Nursing 284. Community mental health. 3 pts

Community organization, programs, and mental health services, including comprehensive community mental health centers. Concepts underlying correlation and coordination of mental health services. Programming on local, state, national, and international levels in relation to mental health and illness needs. Seminar.

Nursing 282. Psychiatric nursing practice. 4 pts

Analysis and appraisal of mental health situations; identification of nursing problems; selection, implementation, and evaluation of nursing intervention; understanding of nursing responsibilities within a collaborative multidisciplinary effort. Seminar and in-patient and out-patient clinical experience with individuals and families.

SECOND YEAR: AUTUMN TERM

Nursing 283. Psychiatric nursing practice. 3 pts

Continuation of *Nursing 282*.

Nursing 286. Community mental health nursing. 3 pts

Roles of the nurse specialist and the nurse generalist in providing both therapeutic nursing care to the psychiatric patient and preventive service to individuals and families in the community. Intra- and interdisciplinary collaboration in community mental health services. Continuity, correlation, and coordination of care. Seminar and clinical experience.

Nursing 292. Research.**3 pts**

Principles and techniques for setting up a research design; providing for adequate sampling; selecting and developing appropriate methodology and analyzing data; development of designs for independent research study. Lecture and seminar.

Nursing 285. Epidemiology and mental health.**2 pts**

Principles of epidemiology employed in the study of mental health and illness. Emphasis on host, agent, and environmental factors and on epidemiological methods basic to public health programming for mental health. Evaluation of epidemiological research studies pertaining to mental health and illness in hospitals and communities. Seminar.

SECOND YEAR: SPRING TERM**Nursing 293. Research seminar.****6 pts**

Discussion and analysis of independent student research studies.

Nursing 291. Administration.**3 pts**

Planning and implementation of therapeutic nursing intervention. Participation in formulation of standards, policies, and procedures for the treatment program. Participation in the initiation and administration of new types of patient programs and activities. Seminar.



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THE
COLUMBIA-PRESBYTERIAN
MEDICAL CENTER
NEW YORK CITY



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|-------------------------------------|---|
| 1. BARD HALL | 10. N.Y. CITY DEPARTMENT OF HEALTH |
| 2. N.Y. STATE PSYCHIATRIC INSTITUTE | SCHOOL OF PUBLIC HEALTH AND |
| 3. NEUROLOGICAL INSTITUTE | ADMINISTRATIVE MEDICINE |
| 4. MAXWELL HALL | INSTITUTE OF NUTRITION SCIENCES |
| 5. HARKNESS MEMORIAL HALL | 11. HARKNESS PAVILION |
| 6. WILLIAM BLACK RESEARCH BUILDING | 12. PRESBYTERIAN HOSPITAL |
| 7. ALUMNI AUDITORIUM | N.Y. ORTHOPAEDIC HOSPITAL |
| 8. COLLEGE OF PHYSICIANS AND | SLOANE HOSPITAL |
| SURGEONS | SQUIER UROLOGICAL CLINIC |
| 9. VANDERBILT CLINIC | 13. BABIES HOSPITAL |
| SCHOOL OF DENTAL AND ORAL | 14. PAULINE A. HARTFORD MEMORIAL CHAPEL |
| SURGERY | 15. INSTITUTE OF OPHTHALMOLOGY |
| | 16. CENTRAL SERVICE BUILDING |
| | 17. FRANCIS DELAFIELD HOSPITAL, N.Y.C. |

To Reach the Medical Center: By subway, the Washington Heights Express of the IND Eighth Avenue or the Van Cortland Park train of the IRT Seventh Avenue. By bus, Fifth Avenue Bus #4 or #5. By car, the Westside Highway exit at the George Washington Bridge. Parking facilities are available at West 164th Street and Fort Washington Avenue.

To Columbia Students

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